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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/668,740	HO ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Steven B. Theriault	2179	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. ☒ This communication is responsive to RCE filed 10/24/2007.
- 2. ☒ The allowed claim(s) is/are 1-30.
- 3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  - 1. ☐ Certified copies of the priority documents have been received.
  - 2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

- 4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  - 5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
- 6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                               | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material         | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

**Applicant's Response**

1. In Applicant's Response dated October 24, 2007, Applicant filed a request for continuation along with an Information disclosure statement.

***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 10/24/2007 has been entered.

***Allowable Subject Matter***

3. Claims 1-30 are remain allowed and are based on the Examiners amendment entered 07/25/2007.
4. The previous Examiner's comments regarding the prior art are hereby incorporated by reference.

**Please see the attached discussion of the references filed in the IDS on 10/24/2007.**

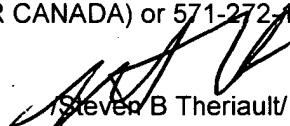
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven B. Theriault whose telephone number is (571) 272-5867. The examiner can normally be reached on M, W, F 10:00AM - 8:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Steven B Theriault/  
Patent Examiner  
Art Unit 2179

  
WEILUN LO  
SUPERVISORY PATENT EXAMINER

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1	<input type="checkbox"/>	US 20040054970 A1	US 20040054970	10
2	<input type="checkbox"/>	US 20020178290 A1	US 20020178290	1
3	<input type="checkbox"/>	US 7013306 B1	US 7013306	1
4	<input type="checkbox"/>	US 20050203944 A1	US 20050203944	13
5	<input type="checkbox"/>	US 20050203944 A1	US 20050203944	15
6	<input type="checkbox"/>	US 20050165826 A1	US 20050165826	1
7	<input type="checkbox"/>	US 5781739 A	US 5781739	12
8	<input type="checkbox"/>	US 5781739 A	US 5781739	13
9	<input type="checkbox"/>	US 20040103370 A1	US 20040103370	20

	Comment
1	In regard to claim 1, the system does not disclose an interface that prompts the user to select the souce file for the mods and mids, device type and to designate a specific mod or mid for use in the web service interface. In contrast, the reference teaches that the MFS adapter translates the SOAP documents to be rendered on the client. The user does not select the mods and mids or the device type as the MFS XML adapter modifies the HTML or XML document to be rendered at the client (See para 026).
2	In regard to claim 1, reference does not disclose a MFS IMS application or a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
3	In regard to claim 1, reference does not teach a MFS IMS application or a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
4	In regard to claim 1, The reference discloses a MFS adapter that generates XML files which are then turned into byte streams that are processed by a servlet that can be an interface. The servlet generates a HTML client that sends an indicator of the MOD desired by the user. The conversation between the adapter and the host application contains the MID information (See Para 060 and 0055-0058 and 0064). The client displays buttons or icons that correspond to function keys that are identical to legacy keyboards and terminals.
5	In regard to claim 1, reference does not disclose a web services interface that prompts the user to select mods and mids and a device associated with the MFS IMS application.
6	Reference does not qualify as prior art based on filing date.
7	In regard to claim 1, application determines the mods and mid source file to be presented rather than allowing the user to select the mod and mid source file.
8	In regard to claim 1, the reference teaches presenting a CGI-Bin program and a the input HTML form to a web server but does not disclose a web services interface that prompts the user to select a source mod and mid file, device association and the mod and mid to use in the web services interface.
9	In regard to claim 1, the system does not disclose an interface that prompts the user to select the souce file for the mods and mids, device type and to designate a specific mod or mid for use in the web service interface. In contrast, the reference teaches that the MFS adapter translates the SOAP documents to be rendered on the client. The user does not select the mods and mids or the device type as the MFS XML adapter modifies the HTML or XML document to be rendered at the client (See para 060).

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10	<input type="checkbox"/>	US 6910216 B2	US 6910216	1
11	<input type="checkbox"/>	US 20020056012 A1	US 20020056012	5
12	<input type="checkbox"/>	US 20040054969 A1	US 20040054969	4
13	<input type="checkbox"/>	US 20040237034 A1	US 20040237034	7
14	<input type="checkbox"/>	US 20060265478 A1	US 20060265478	6
15	<input type="checkbox"/>	US 20050165936 A1	US 20050165936	1
16	<input type="checkbox"/>	US 20040064466 A1	US 20040064466	8
17	<input type="checkbox"/>	US 20030120730 A1	US 20030120730	6
18	<input type="checkbox"/>	US 20030007397 A1	US 20030007397	1
19	<input type="checkbox"/>	US 20020194227 A1	US 20020194227	1
20	<input type="checkbox"/>	US 20020174340 A1	US 20020174340	1

	Comment
10	In regard to claim 1, reference teaches a MFS metamodel but does not disclose a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
11	In regard to claim 1, reference teaches a MFS metamodel that receive SOAP compliant messages but does not disclose a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
12	In regard to claim 1, Figrue 4 teaches that the system determines the mod and mid source file and a graphical interface presented to the user is not disclosed. Further, a procedure does not exist to display a web services interface and the prompt of the user to select the device type associated with the MFS IMS application
13	In regard to claim 1, No reference is made to a web services interface that prompts the user to select the mods and mids and to prompt the user to select the device type associated with the feature of the MFS IMS application.
14	In regard to claim 1, there is no teaching of a web services interface that prompts the user to select mods and mids in the interface and a prompt to the user to select the device associated with the MFS IMS application.
15	Reference does not qualify as prior art based on the filing date.
16	In regard to claim 1, reference does not disclose a MFS IMS application or a web services interface or prompts to allow the user to select the mods and mids sources file or device type associated with the MFS application.
17	In regard to claim 1, reference does not disclose a MFS IMS application or a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
18	In regard to claim 1, reference does not disclose a MFS IMS application or a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
19	In regard to claim 1, reference does not disclose a MFS IMS application or a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
20	In regard to claim 1, reference does not disclose a MFS IMS application or a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.

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21	<input type="checkbox"/>	US 20020161801 A1	US 20020161801	13
22	<input type="checkbox"/>	US 20020133569 A1	US 20020133569	12
23	<input type="checkbox"/>	US 20020100027 A1	US 20020100027	4
24	<input type="checkbox"/>	US 20020078010 A1	US 20020078010	20
25	<input type="checkbox"/>	US 20010014900 A1	US 20010014900	12
26	<input type="checkbox"/>	US 6772206 B1	US 6772206	1
27	<input type="checkbox"/>	US 6753889 B1	US 6753889	1
28	<input type="checkbox"/>	US 6446110 B1	US 6446110	1
29	<input type="checkbox"/>	US 6250309 B1	US 6250309	1
30	<input type="checkbox"/>	US 6212550 B1	US 6212550	1



	Comment
21	In regard to claim 1, reference does not disclose a MFS IMS application or a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
22	In regard to claim 1, reference does not disclose a MFS IMS application or a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
23	In regard to claim 1, reference does not disclose a MFS IMS application or a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
24	In regard to claim 1, reference teaches a MFS metamodel but does not disclose a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
25	In regard to claim 1, reference does not teach a MFS IMS application or a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
26	In regard to claim 1, reference does not teach a MFS IMS application and does not disclose a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
27	In regard to claim 1, reference does not teach a MFS IMS application and does not disclose a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
28	In regard to claim 1, reference does not teach a MFS IMS application and does not disclose a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
29	In regard to claim 1, reference does not teach a MFS IMS application and does not disclose a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.
30	In regard to claim 1, reference does not teach a MFS IMS application and does not disclose a web services interface that prompts the user to select the source file containing mods and mids, the device type and the mod and mid for use within the MFS IMS application.

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31	<input type="checkbox"/>	US 6128622 A	US 6128622	13

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	Comment
31	In regard to claim 1, reference teaches a Wizard that is presented to the user where the interface uses the HTML pages to mimic the MIDS and MODS. The wizard is not a web services interface and does not allow the user to select the mids and mods as they are already interpreted and presented for the user by the system. Further the wizard does not allow the user to select the source mod and mid file, assign the device and select the mod and mid to be used in the web services interface.